2021 CERTIFICATION H-WATER SUPPLY

Consumer Confidence Report 202RIVII - 1 PM 2: 58

PRINT Public Water System Name 0350003, 0350007, 0350023, 0350025 List PWS 1D #s for all Community Water Systems included in this CCR

OOD DIOTDIDUTION (OF THE WAY)	
CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
Advertisement in local paper (Attach copy of advertisement)	4-28-22
On water bill (Attach copy of bill)	6-1-22
□ Email message (Email the message to the address below)	
□ Other (Describe:	
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□ Posted in public places (attach list of locations or list here)	
□ Posted online at the following address (Provide direct URL):	
CERTIFICATION	
I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its custor the appropriate distribution method(s) based on population served. Furthermore, I certify that the information is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR reof Federal Regulations (CFR) Title 40, Part 141.151 – 155.	contained in the report
Wayne Smith Manager	6-1-22 Date
Name Title	Date
SUBMISSION OPTIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Certification, and associated proof of del	ivery method(s) to

the MSDH, Bureau of Public Water Supply.

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

Email: water.reports@msdh.ms.gov

2021 Annual Drinking Water Quality Report Northwest Kemper Water Association PWS#: 350003, 350007, 350023, 350025 April 2022

RECEIVED MSDH-WATER SUPPLY

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water utility, please contact Wayne Smith at 601.677.3558. We want our valued customers to be informed about their water utility. If you want to learn more, please join us for the annual meeting scheduled for second Tuesday of August at 7:00 PM at the Preston Office.

Our water source is from wells drawing from the Lower Wilcox Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Northwest Kemper Water Association have received lower rankings in terms of susceptibility to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A very detailed study of the water system to identify potential problems and determine (if Possible) why an E.coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system.

PWS ID#	350003-	Preston		TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2019*	.0114	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits

17. Lead	N	2018/20*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	N	2021	793	No Range	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	N	2019*	2100	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	n By-I	Products						
81. HAA5	N	2021	3.91	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2021	9.44	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.4	1.25 – 171	mg/l	0	MRDL = 4	Water additive used to control microbes

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2019*	.0402	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
17. Lead	N	2018/20 *	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	2400	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic C	Contam	inants						
10. Barium	N	2019*	.0476	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20*	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2018/20*	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	13000	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	ı By-Pr	oducts						
81. HAA5	N	2018*	2	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2018*	1.23	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1.4	.6 – 1.77	mg/l	0	MRDL = 4	Water additive used to control

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Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCL G	MCL	Likely Source of Contamination
Inorganic	Contam	inants						
10. Barium	N	2020*	.063	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Sodium	N	2019*	1800	No Range	ppb	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and

^{*} Most recent sample. No sample required for 2021.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Northwest Kemper Water Association has almost 1,800 meters and over 650 miles of pipe providing clean, fresh water to over 4,600 residents in parts of 5 counties in east central Mississippi. Our commitment to service is evidenced by receiving the highest available rating from the Mississippi State Department of Health during our annual inspections.

Please Note: You may obtain a copy of this report at our office at 10798 HWY 397 in Preston or call us at 601.677.3558.

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2021 Annual Drinking Water Quality Report Northwest Kemper Water Association PVVS#: 350003, 350007, 350023, 350025 April 2025.

White pleased to present to you the year's Armal Cuciety Wares Report. This report is designed to show you about the quality wade and common see afformed by which of you will do you they have a seen and the second of the seen you be provided the efforts as make to continue by leaves the entering the efforts as make to continue by leaves the entering the entering the efforts are make to continue the entering the entering you will experience because informed customers are out their alles. If you have any questions about this report or concinning your water offing, please pointed Wayno Smith at 001 673 about We want our valued custioners so be informed about they water utility. If you want to learn more, please form up for the amount meeting scheduled for second Trends of August at 100 PM at the Preston Office.

Our water source is then each straining from the Lower Wilcox Aquiter. The source water assessment has been completed to our public waiter again to defende sources of contamination. A report contamination of reports contamination on bow the susceptibility determination were made has been strated to our public contamination. As report contamination on bow the susceptibility determinations were made has been strated to our public contamination and in mandale to contaminate the waits for the Northwest Komper Water Association have intended tower making in terms of susceptibility to contaminate the waits for the Northwest Komper Water Association have intended tower making in terms of susceptibility to

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17. Limid	2	2018/20-		Đ	pdt	0	ALTE	Cortosion of household plumping systems, erondo of malacal decorate
19 Methons (na	z	2021	793	No Range	ррт	2	64	Rumoff from fartition use; leaching from deptic tanks, seeming a scenar of natural deposits.
Sedum	2	20194	2100	No Range	add	0	0	Road Salt, Water Treatment Chamicals, Water Software and Sociate Editoria
Disinfection By-Products	By-Pro	stanbo			Co. ard		9	
TI HAAS	z	1202	3.91	No Pange	qua	0	99	By-Product of drinlang water
fictal (Total Uthiscomphanes)	7	2021	1776	No Range	add	0	. 40	By product of direkting water distrinution
Chidrine	z	2021	14	125-171	not	0	ARDL = 4	Water additive used to control

	-		The state of the s	The second second		-	1000	disinfaction.
IZ TTHM [Total trihelomethanes]	M	2021	9.44	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2021	1,4	1.25 - 171	'ApA'	0	MRDL ≈ 4	Water additive used to control microbes

Contaminant								
	Violation Y/N	Date Collected	Datected	Range of Districts or # of Semples Exceeding	Unit Moment	MCL	MCL.	Likely Source of Contamination
	-			MCL/ACLMROL				
Inorganic	Contam	inants						
10 Berum	N. A.	2010	.0402	No Range	ppm	2	2	Discharge of chilling wastes discharge from metal patrioners excellent of callural classicals
17 Lead	N	2018/20 -	0	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of hears! deposits
Sicultum	1	2019*	2400	No Range	ppb	0	0	Road Set, Water Treatment Chemicals, Water Solleness and Service Efficients
Disinfection	on By-Pr	oducts						
Chilorine	N.	2021	1.4	1-2.01	mañ	οT	MRDL = 4	Water additive used to control

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Contaminant.	Violation	Date	Level	Range of Detects or	1.ho/t	I VANCED		TO THE PARTY OF TH
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Inorganic (Contam	inants	2007	Land all				
10 Benun	*	2019*	.0470	No Range	ppm	0	2	Discharge of dilling wastes, discharge from metal refinences, protion of natural deposits
14. Copper	N	2018/20*	2	0	ppm	1.3	AL=1.5	Correspond household purchase \$12 miles erosion of neutral deposits, leaching from wood precessations.
17. Leed	N	2018/201	0	0	peb	5	Alleria	Correspond of frouter cod purchase systems, erosion of netural deposits
Sodium.	N O	2019*	13000	No Range	cets.	0		Ricci Sol, Water Years and Chemicals Water Softeners and Seapow Effusion
Disinfection	n By-Pr	oducts			LEGIV			
B1 HAA5	N	20181	2	No Range	ppb	0	10	By-Product of disking water disking-from
12 Titeld Total ohalomethanes)	2	5019.	1.22	No Range	poli	C	86	By-crodied of drinking water chlorination
Chilorina	N	2021	1.4	9-177	1925	0	MRDL = #	Water addrive used to covere!

PWS ID#		1000000	Alles .	TEST RESU	TID			
Contaminant	You	Date Collected	Detected	Range of Detects or # of Samples Exceeding INCE/ACLIMBOL	Unit Measure -ment	MCL. G	MGL	Life of Source of Contemination
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10 Barum	T.M.	20201	Otes	No Range	-ppm	2	2	Oncharge of diving letter discharge true restains tellusings erbasis of natural deposits
Rodum		2019*	2031	No Range	258	0	.0	
Disinfection	on By-Pr	oducts						37
Chlorice	N	2021	1,4	1.01 = 1.5	rot	- 3	MRDL = 4	Water adds at used to control

We are imparted to monitor your chindring water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our dimensy water meets health standards. In an effort to ensure systems complete all mostoring requirements. MSDH now notifies systems of any making samples prior to the send of the compliance parted.

If present, a vising levels of all cause an exist he sit problems, especially for pregnant women and young children. Lead in drinking water a primarily from changes and components associated as almost levels and home plumbing. Our water system is responsible for providing the site of control of the site o

AB studies of chicking water are subject to powerful contemporates by substances that are naturally occurring or than made. These substances has every water, including better disease that previous and process that are naturally occurring or than made. These substances has every water, including better disease may repossibly be expected to contain as seen account of some containing. The previous of containing the disease that the water power is the first of the previous a term of the term of the containing that the substance of containing that the containing th

Some people may be more vulnerable to contaminants in challing water than the general population, because comprehensed persons such as persons with cancer undergoing chemotherapy, persons into have undergoing organization people with HVAIDS or other presume system disorders, because adderly, as a indexts can be personally all fast from infections. These people should seek advoce should desking water layor their health case providers. EPACOD guidelines on appropriate mission to lease the risk of infection by Cryptospundium and other microbial contaminants are available from the Safe Drokking Water Hotline 1,800,426,4791.

The Northwest Kemper Water Association has almost 1,800 meters and over 650 miles of pipe providing clean, fresh water to over 4,800 residents in parts of 5 counties in least central Mississipp. Our conditioned to service 8 evidenced by receiving the highest aveilable rating from the Mississipp State Department of Health (fining our arrunn) impections.

Please Note: You may obtain a copy of this report at our office at 10798 HWY 397 in Previon or call us at 801.677 3558.

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